

FIG. 1

2
$$\frac{1}{3}$$
 $\frac{1}{N}$ + $\frac{1}$

FIG. 2



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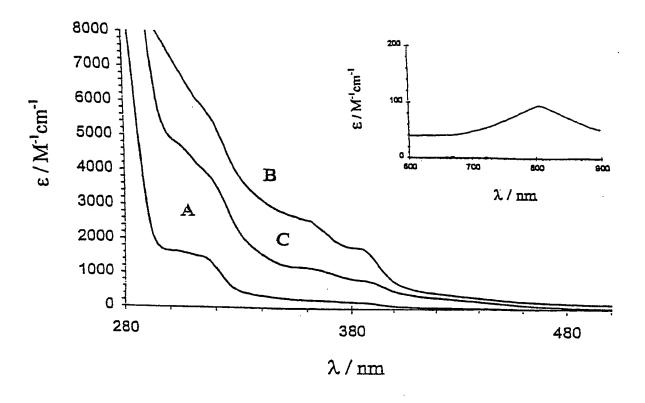


FIG. 3



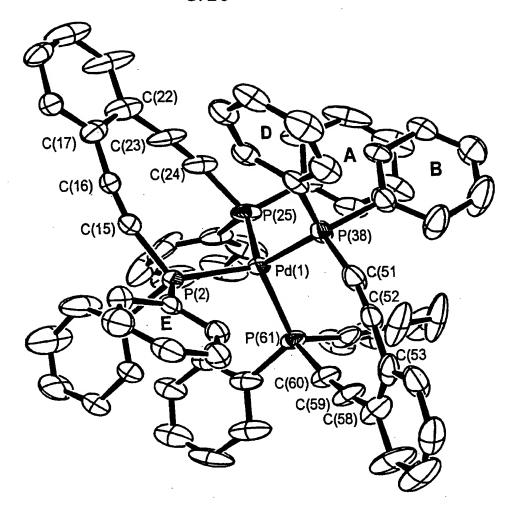


FIG. 4A

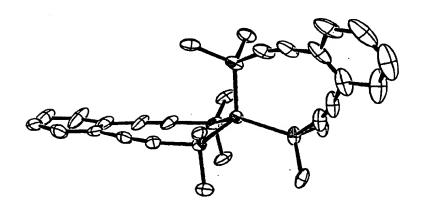


FIG. 4B



FIG. 5A





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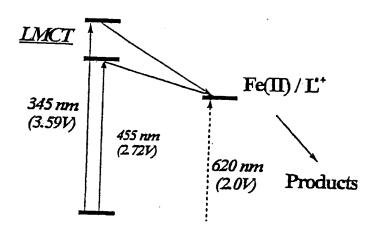


FIG. 6

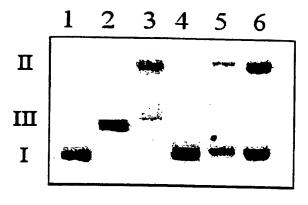


FIG. 7

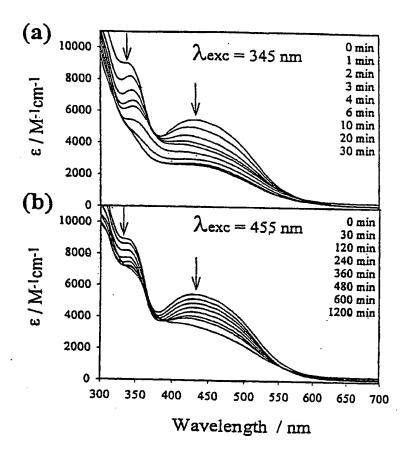
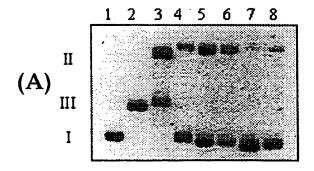


FIG. 8
SUBSTITUTE SHEET (RULE 26)



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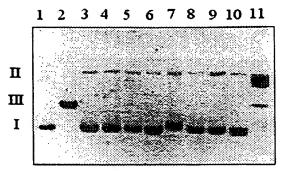
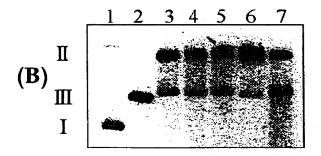


FIG. 10



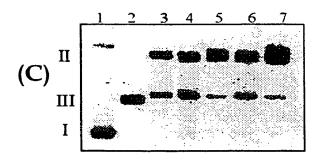


FIG. 9



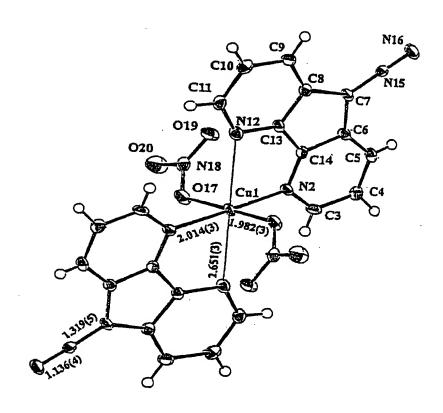


FIG. 11

FIG. 12

P-P=dppe, dppy, dppb, dcpe





FIG. 13

2 +
$$Pd(PPH_3)_2Cl_2$$
 $\frac{1) C_6H_6 / 60 °C}{2) N_2H_4}$ Ph_2 Ph_2

FIG. 14